Title (en)

PICKUP AND DROP-OFF LOCATION IDENTIFICATION FOR RIDESHARING AND DELIVERY VIA AUGMENTED REALITY

Title (de)

IDENTIFIZIERUNG VON ABHOL- UND RÜCKGABEORTEN FÜR FAHRGEMEINSCHAFTEN UND ZUSTELLUNG ÜBER ERWEITERTE REALITÄT

Title (fr)

IDENTIFICATION D'EMPLACEMENT DE RAMASSAGE ET DE DESTINATION POUR LE COVOITURAGE ET LA LIVRAISON PAR RÉALITÉ AUGMENTÉE

Publication

EP 3781907 A1 20210224 (EN)

Application

EP 19714028 A 20190315

Priority

US 2019022409 W 20190315

Abstract (en)

[origin: WO2020190254A1] To present a pickup location in a transportation service, a server device receives a request for ridesharing services from a rider's current location to a drop-off location. The server device broadcasts the request to drivers and receives an indication of acceptance of the request from one of the drivers. Then the server device provides a pickup location to the rider and the driver which is presented in a map display of the rider and driver's client devices. When the rider or driver's current location is within a threshold distance of the pickup location, the corresponding client device switches to an augmented reality mode and presents a camera view from a camera of the client device depicting real-world imagery. The server device provides information to the corresponding client device to present in the augmented reality mode overlaying the real-world imagery to assist the rider or driver in finding the pickup location.

IPC 8 full level

G01C 21/34 (2006.01); **G06Q 10/00** (2012.01); **G06Q 50/30** (2012.01)

CPC (source: EP KR US)

G01C 21/3438 (2013.01 - EP US); **G06Q 10/02** (2013.01 - EP); **G06Q 10/047** (2013.01 - KR); **G06Q 10/06315** (2013.01 - EP); **G06Q 10/08** (2013.01 - EP); **G06Q 50/40** (2024.01 - EP KR US); **G06T 7/70** (2017.01 - US); **G06T 11/00** (2013.01 - US); **G06T 19/006** (2013.01 - KR); **G06V 10/751** (2022.01 - US); **G06V 20/20** (2022.01 - US); G06T 2200/24 (2013.01 - US); G06V 2201/08 (2022.01 - US)

Cited by

US11688146B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2020190254 A1 20200924; CN 112041638 A 20201204; EP 3781907 A1 20210224; JP 2021516377 A 20210701; JP 6951557 B2 20211020; KR 102390935 B1 20220426; KR 20200112798 A 20201005; US 11756237 B2 20230912; US 12094033 B2 20240917; US 2021407150 A1 20211230; US 2023368430 A1 20231116; US 2024331215 A1 20241003

DOCDB simple family (application)

US 2019022409 W 20190315; CN 201980005066 A 20190315; EP 19714028 A 20190315; JP 2020514599 A 20190315; KR 20207005495 A 20190315; US 201916609034 A 20190315; US 202318227398 A 20230728; US 202418732566 A 20240603